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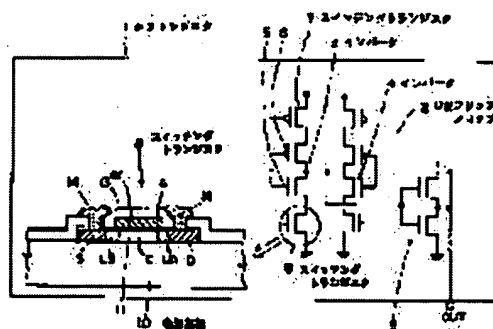
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## (54) VERTICAL DRIVING CIRCUIT

### (57)Abstract:

**PURPOSE:** To prevent the malfunction of the vertical driving circuit to be built into an active matrix type liquid crystal display device, etc.

**CONSTITUTION:** The vertical driving circuit to be built into the active matrix type liquid crystal display device includes a shift register 1 and successively generates vertical driving pulses. At least a part of the plural transistors constituting the shift register 1, for example, a switching transistor 8, is made into an LDD structure, by which the voltage resistance of sources/drains is improved and leak currents are suppressed. This LDD structure has regions LS, LD which are adjacent to at least one region of the source region S and drain region D, are of the same conduction type as the conduction type of the source region S or drain region D and is low in impurity concn.



## LEGAL STATUS

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